Sequence (32 Channel Head Coil)	**Total Time (h:m:s)**	**2D/3D**	**Voxel size: freq dirn (mm)**	**Voxel size: phase dirn (mm)**	**Voxel size: slice dirn (mm)**	**Slice gap (mm)**	**Slice acquisition direction**	**PI reduction factor**	**Multiband factor**	**TR (ms)**	**TE or TE1/TE2/TE3 (ms)**	**FA (degree)**	**PE Direction/ fat shift direction**
Survey	0:00:30												
B0 Mapping	0:01:00												
Multi Echo Rest FMRI – Ref (Dynamics =10)	0:00:30	2D	3.3	3.3	3	0.3	I to S	2	2	2200	15 / 30 / 45	50	A
Multi Echo Rest FMRI – Run 1 (Dynamics =164)	0:05:45	2D	3.3	3.3	3	0.3	I to S	2	2	2200	15 / 30 / 45	50	P
T1	0:05:09	3D	1	1	1	0	L to R	RL=2				9	
Multi Echo Rest FMRI – Run 2 (Dynamics =164)	0:05:45	2D	3.3	3.3	3	0.3	I to S	2	2	2200	15 / 30 / 45	50	P
T2 (Strong Fat suppression)	0:04:48	2D	1	1	1	0		RL=2				90	
32dir-DTI-PA (b = 1100, 32 directions; b = 0, 4 measurements)	0:04:45	2D	2	2	2	0	I to S (Interleaved - first odd, then even)	2	2	8000	82	90	P
32dir-DTI-AP (b = 1100, 32 complementary directions; b = 0, 4 measurements)	0:04:45	2D	2	2	2	0	I to S (Interleaved - first odd, then even)	2	2	8000	82	90	A
FLAIR	0:05:16	3D	1	1	1	0							
Total	0:38:13												